

## APPENDIX A

```
<!-- DOCTYPE BLOBAL_NODES_DOCLET [ -->
<!-- This DTD defines the necessary elements for Managed nodes and
5   their resources. This DTD also contains
   a DTD version element to ensure proper functionality
   -->
<!-- Root doclet element definition -->
<!ELEMENT GLOBAL_NODES_DOCLET ( DOCLET_VERSION, DOCLET_DATE,
10   RACK_NAME, NODE_TYPE* )>

<!ELEMENT DOCLET_VERSION (#PCDATA)>
<!ELEMENT DOCLET_DATE  (#PCDATA)>
<!ELEMENT RACK_NAME    (#PCDATA)>
15 <!ELEMENT NODE_TYPE ( IAS | DATABASE | EBIZ | ICACHE | WEB_CACHE | MGMT )>

<!ELEMENT IAS          (NODE*)>
<!ELEMENT DATABASE     (NODE*)>
20 <!ELEMENT EBIZ        (NODE*)>
<!ELEMENT ICACHE       (NODE*)>
<!ELEMENT WEB_CACHE    (NODE*)>
<!ELEMENT MGMT         (NODE*)>

25 <!ELEMENT NODE        (PUBLIC_NODE_NAME*, PUBLIC_IP_ADDRESS*,
   PRIVATE_NODE_NAME*, PRIVATE_IP_ADDRESS*,
   HW_RESOURCE)>

<!ELEMENT PUBLIC_NODE_NAME (#PCDATA)>
30 <!ATTLIST PUBLIC_NODE_NAME ALIAS          CDATA "NULL" >

<!ELEMENT PUBLIC_IP_ADDRESS (#PCDATA)>

<!ELEMENT PRIVATE_NODE_NAME (#PCDATA)>
35 <!ATTLIST PRIVATE_NODE_NAME ALIAS          CDATA "NULL" >

<!ELEMENT PRIVATE_IP_ADDRESS (#PCDATA)>
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<!ELEMENT HW_RESOURCE      (MBOARD, NIC*, HBA*, STORAGE)>

<!ELEMENT MBOARD           (#PCDATA)>
5  <!ATTLIST MBOARD        VENDOR      CDATA #REQUIRED
    MEMORY      CDATA #REQUIRED
    MEMORY_UNIT  ( MB | GB ) "MB"
    CPU_COUNT    CDATA #REQUIRED
    CPU_TYPE     CDATA #REQUIRED
10    CPU_MHZ     CDATA #REQUIRED >

<!-- The name of the NIC may be the same as the vendor or model. -->

<!ELEMENT NIC              (#PCDATA)>
15 <!ATTLIST NIC            VENDOR      CDATA #REQUIRED
    MODEL         CDATA #REQUIRED
    TX_TYPE       ( 100MBIT | GIGABIT ) "100MBIT"
    IP_ADDRESS    CDATA #REQUIRED >

20 <!-- For HBA controllers, Notice we spell fiber the correct way, not the
    English way.
    -->

<!ELEMENT HBA              (#PCDATA)>
25 <!ATTLIST HBA            VENDOR      CDATA #REQUIRED
    MODEL         CDATA #REQUIRED
    TYPE ( IDE | UW_SCSI2 | SCSI3 | FIBER ) "FIBER" >

<!ELEMENT STORAGE         ( NAS*, DA*, SAN*, SSP* ) >

30 <!ELEMENT NAS            (#PCDATA)>
    <!ATTLIST NAS          IP_ADDRESS  CDATA #REQUIRED >

<!ELEMENT DA              ( DISK* )>
35 <!ELEMENT DISK           (#PCDATA)>
    <!ATTLIST DISK         HBA_NAME    CDATA #REQUIRED
        LUN_ID            CDATA #REQUIRED

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CAPACITY CDATA #REQUIRED  
CAPACITY\_UNIT ( MB | GB | TB ) "GB" >

5 <!ELEMENT SAN (#PCDATA)>  
<!ATTLIST SAN ZONE CDATA #REQUIRED >  
  
<!ELEMENT SSP (#PCDATA)>

10

## APPENDIX B

```
<?xml version="1.0" standalone="no" ?>
<!DOCTYPE GLOBAL_NODES_DOCLET SYSTEM
5  "/home/oracle/dve/appliance/xml/rack_nodes.dtd" >

<GLOBAL_NODES_DOCLET>
  <DOCLET_VERSION>0.0.1</DOCLET_VERSION>
  <DOCLET_DATE>26-FEB-2001</DOCLET_DATE>
10  <RACK_NAME>TEST_RACK1</RACK_NAME>
  <NODE_TYPE>
    <DATABASE>
      <NODE>
        <PUBLIC_NODE_NAME
15          ALIAS      = "dpresley-linux"
          >dpresley-linux.us.oracle.com</PUBLIC_NODE_NAME>
        <PUBLIC_IP_ADDRESS>130.68.30.114</PUBLIC_IP_ADDRESS>
        <HW_RESOURCE>
          <MBOARD
20            VENDOR    = "Supper Micro"
            MEMORY     = "1"
            MEMORY_UNIT = "GB"
            CPU_COUNT   = "2"
            CPU_TYPE    = "Coppermine"
25            CPU_MHZ    = "800"
            >440BX-2
          </MBOARD>
          <NIC
30            VENDOR    = "3COM"
            MODEL      = "905C"
            TX_TYPE     = "100MBIT"
            IP_ADDRESS  = "130.68.30.114"
            >3COM-905C
          </NIC>
35          <HBA
            VENDOR      = "Adapttec"
            MODEL       = "AHA7829"
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        TYPE      = "UW_SCSI2"
        >scsi_00
    </HBA>
    <HBA
5        VENDOR    = "Adaptec"
        MODEL      = "AHA2940"
        TYPE       = "UW_SCSI2"
        >scsi_01
    </HBA>
10    <HBA
        VENDOR     = "ON-BOARD"
        MODEL       = "NULL"
        TYPE        = "IDE"
        >ide_00
15    </HBA>
    <HBA
        VENDOR     = "ON-BOARD"
        MODEL       = "NULL"
        TYPE        = "IDE"
20    >ide_01
    </HBA>
    <STORAGE>
        <DA>
            <DISK
25                HBA_NAME    = "ide_00"
                LUN_ID       = "0"
                CAPACITY     = "17.2"
                CAPACITY_UNIT = "GB"
                >WDI-172430A
30            </DISK>
            <DISK
                HBA_NAME    = "ide_00"
                LUN_ID       = "1"
                CAPACITY     = "17.2"
35            CAPACITY_UNIT = "GB"
                >WDI-172430A
            </DISK>

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5      <DISK
        HBA_NAME      = "ide_01"
        LUN_ID        = "0"
        CAPACITY       = "17.2"
        CAPACITY_UNIT  = "GB"
        >WDI-172430A
      </DISK>
      <DISK
        HBA_NAME      = "ide_01"
10      LUN_ID        = "1"
        CAPACITY       = "17.2"
        CAPACITY_UNIT  = "GB"
        >WDI-172430A
      </DISK>
15      </DA>
      </STORAGE>
      </HW_RESOURCE>
      </NODE>
      </DATABASE>
20      </NODE_TYPE>
      <NODE_TYPE>
        <IAS>
        </IAS>
      </NODE_TYPE>
25      <NODE_TYPE>
        <EBIZ>
        </EBIZ>
      </NODE_TYPE>
30      </GLOBAL_NODES_DOCLET>

```

## APPENDIX C

<PARAMETER>

<PARAMETER\_NAME

5       P\_ID       = "DB\_180"  
      TYPE       = "NUMBER"  
      RANGE\_TYPE = "RANGE"  
      RANGE       = "1:65355"  
      OVERRIDE   = "YES"

10       COMPUTED\_VALUE = "1.1 \* :R\_001"  
      >SESSIONS

</PARAMETER\_NAME>

<REF\_PARAMETER

15       R\_ID       = "R\_001"  
      REF\_COMPONENT\_TYPE = "DATABASE"  
      REF\_COMPONENT\_NAME = "ORACLE8I\_RDBMS\_SERVER"  
      >PROCESSES

</REF\_PARAMETER>

</PARAMETER>

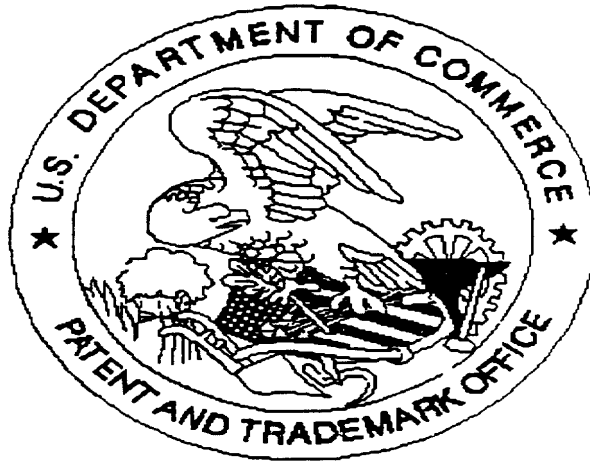
20

## APPENDIX D

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<PARAMETER>
  <PARAMETER_NAME
5      P_ID      = "DB_180"
      TYPE      = "NUMBER"
      VALUE     = "330"
      DEFAULT_VALUE = "110"
      DERRIVED_VALUE = "330"
10     OVERRIDE  = "YES"
      >SESSIONS
  </PARAMETER_NAME>
  <REF_PARAMETER
      R_ID      = "DB_160"
15     REF_COMPONENT_TYPE = "DATABASE"
      REF_COMPONENT_NAME = "ORACLE8I_RDBMS_SERVER"
      REF_COMPONENT_NODE = "dprelse-linux.us.oracle.com"
      >PROCESSES
  </REF_PARAMETER>
20 </PARAMETER>
```



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